Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
Data File : BG030539.D
Acq On : 28 Oct 2017 22:41
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 30 06:49:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	69339	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	331985	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	220736	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	512512	20.00	ng		-0.01
75) Chrysene-d12	21.80	240	534484	20.00	ng		0.00
86) Perylene-d12	25.10	264	552725	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	341109	82.18	ng		0.00
7) Phenol-d6	7.32	99	466684	80.10	ng		0.00
23) Nitrobenzene-d5	9.33	82	435357	83.33	ng		-0.01
41) 2,4,6-Tribromophenol	16.27	330	242565	85.11	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1167161	77.55	ng		0.00
78) Terphenyl-d14	20.11	244	1768990	75.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	72013	42.761	ng		85
3) Pyridine	3.99	79	213935	43.623	ng		90
4) n-Nitrosodimethylamine	3.90	42	94223	41.102	ng	#	94
6) Aniline	7.48	93	299455	41.508	ng		94
8) 2-Chlorophenol	7.73	128	181350	38.118	ng		92
9) Benzaldehyde	7.30	77	139898	47.740	ng		89
10) Phenol	7.34	94	239189	38.081	ng		94
11) bis(2-Chloroethyl)ether	7.58	93	190267	41.577	ng		90
12) 1,3-Dichlorobenzene	8.05	146	205854	38.539	ng		96
13) 1,4-Dichlorobenzene	8.20	146	210385	38.578	ng		94
14) 1,2-Dichlorobenzene	8.52	146	200075	38.037	ng		98
15) Benzyl Alcohol	8.40	79	179345	43.682	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.69	45	216365	27.840	ng		93
17) 2-Methylphenol	8.60	107	161872	38.795	ng		96
18) Hexachloroethane	9.26	117	72652	39.093	ng		99
19) n-Nitroso-di-n-propylamine	8.97	70	175069	44.193	ng	#	97
20) 3+4-Methylphenols	8.93	107	236356	40.202	ng		97
22) Acetophenone	8.99	105	323901	40.484	ng	#	94
24) Nitrobenzene	9.38	77	222239	37.835	ng		92
25) Isophorone	9.90	82	434860	39.873	ng	#	94
26) 2-Nitrophenol	10.09	139	117200	41.747	ng		93
27) 2,4-Dimethylphenol	10.14	122	177121	34.871	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	274718	41.079	ng		96
29) 2,4-Dichlorophenol	10.63	162	207191	38.252	ng		93
30) 1,2,4-Trichlorobenzene	10.84	180	227590	38.893	ng		98
31) Naphthalene	11.03	128	632280	38.215	ng		99
32) Benzoic acid	10.28	122	164774	38.743	ng		86
33) 4-Chloroaniline	11.13	127	287451	41.302	ng		95
34) Hexachlorobutadiene	11.31	225	146704	40.322	ng		98
35) Caprolactam	11.91	113	81521	45.286	ng	#	81
36) 4-Chloro-3-methylphenol	12.24	107	230057	38.618	ng		90
37) 2-Methylnaphthalene	12.62	142	483871	40.126	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	307341	38.136	ng		98
40) Hexachlorocyclopentadiene	12.97	237	135675	46.512	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	190597	37.674	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	202648	39.003	ng		96
45) 1,1'-Biphenyl	13.62	154	719877	37.942	ng		96
46) 2-Chloronaphthalene	13.66	162	510954	36.921	ng		96
47) 2-Nitroaniline	13.86	65	156418	41.149	ng	#	81
48) Acenaphthylene	14.51	152	844077	38.971	ng		98
49) Dimethylphthalate	14.23	163	700923	40.698	ng		99
50) 2,6-Dinitrotoluene	14.35	165	148668	41.178	ng	#	82
51) Acenaphthene	14.85	154	528002	37.468	ng		99
52) 3-Nitroaniline	14.68	138	160641	41.234	ng	#	81
53) 2,4-Dinitrophenol	14.89	184	85128	45.901	ng	#	51
54) Dibenzofuran	15.18	168	812843	40.405	ng		99
55) 4-Nitrophenol	14.99	139	120573	37.540	ng	#	79
56) 2,4-Dinitrotoluene	15.14	165	208680	42.698	ng	#	77
57) Fluorene	15.83	166	647329	38.951	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	185277	42.742	ng		94
59) Diethylphthalate	15.58	149	704597	41.051	ng		99
60) 4-Chlorophenyl-phenylether	15.81	204	373114	42.109	ng		96
61) 4-Nitroaniline	15.84	138	162495	40.620	ng		84
62) Azobenzene	16.10	77	588948	40.691	ng		97
64) 4,6-Dinitro-2-methylphenol	15.90	198	125361	43.532	ng		84
65) n-Nitrosodiphenylamine	16.03	169	621119	40.457	ng		98
66) 4-Bromophenyl-phenylether	16.70	248	237240	40.340	ng		98
67) Hexachlorobenzene	16.83	284	253392	38.038	ng		94
68) Atrazine	16.97	200	231862	42.326	ng		99
69) Pentachlorophenol	17.17	266	163828	42.811	ng		99
70) Phenanthrene	17.57	178	1020811	38.555	ng		97
71) Anthracene	17.65	178	1034445	38.910	ng		98
72) Carbazole	17.92	167	959589	37.574	ng		99
73) Di-n-butylphthalate	18.47	149	1150825	39.180	ng		99
74) Fluoranthene	19.56	202	1234629	39.868	ng		97
76) Benzidine	19.73	184	645595	40.005	ng		97
77) Pyrene	19.92	202	1263360	38.965	ng		97
79) Butylbenzylphthalate	20.79	149	543778	39.366	ng		87
80) Benzo(a)anthracene	21.77	228	1260568	40.170	ng		98
81) 3,3'-Dichlorobenzidine	21.68	252	518048	39.996	ng		97
82) Chrysene	21.84	228	1179779	39.257	ng		98
83) Bis(2-ethylhexyl)phthalate	21.66	149	756580	38.164	ng		100
84) Di-n-octyl phthalate	22.90	149	1293626	37.442	ng		96
85) Indeno(1,2,3-cd)pyrene	28.89	276	1489523	40.287	ng		98
87) Benzo(b)fluoranthene	24.05	252	1284275	40.585	ng		99
88) Benzo(k)fluoranthene	24.12	252	1242550	39.414	ng		98
89) Benzo(a)pyrene	24.95	252	1202352	39.524	ng		98
90) Dibenzo(a,h)anthracene	28.96	278	1260899	40.941	ng		97
91) Benzo(g,h,i)perylene	30.09	276	1212720	42.379	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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